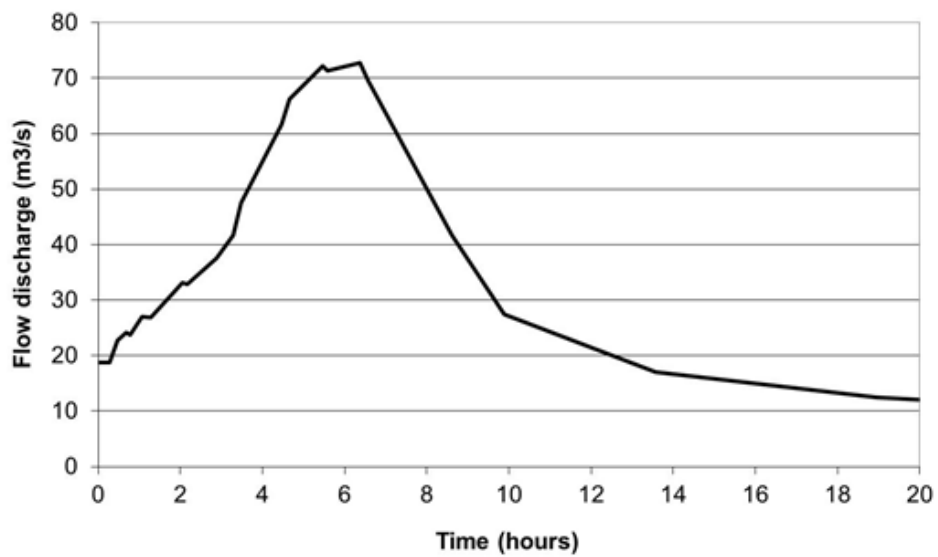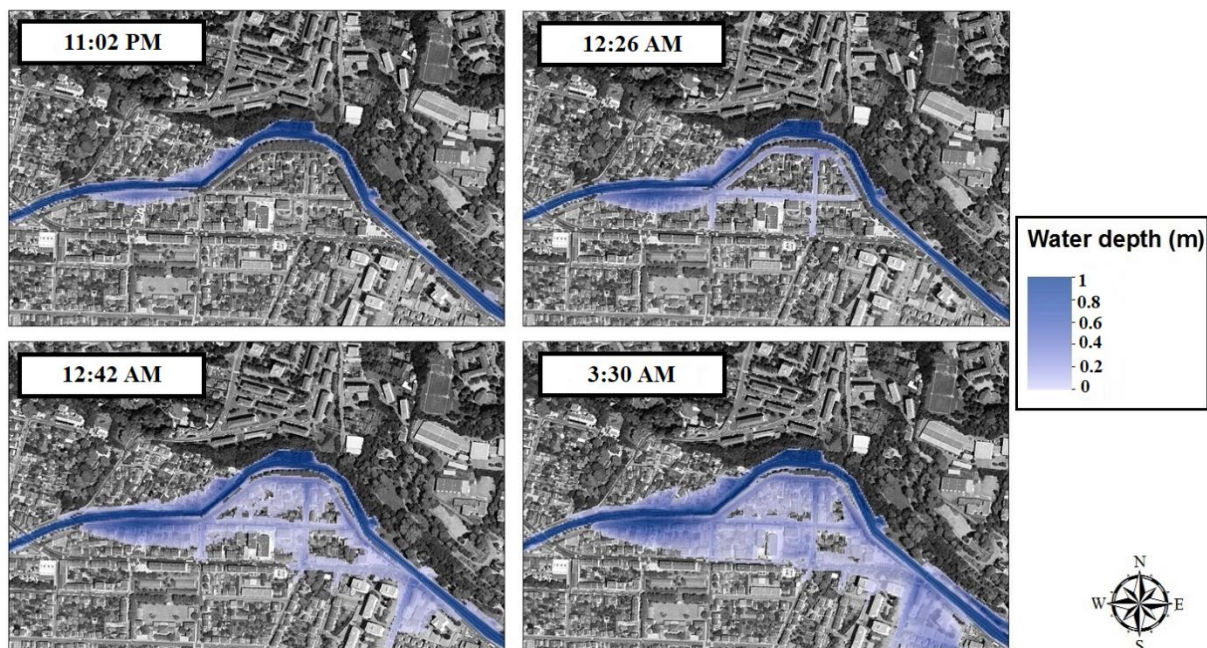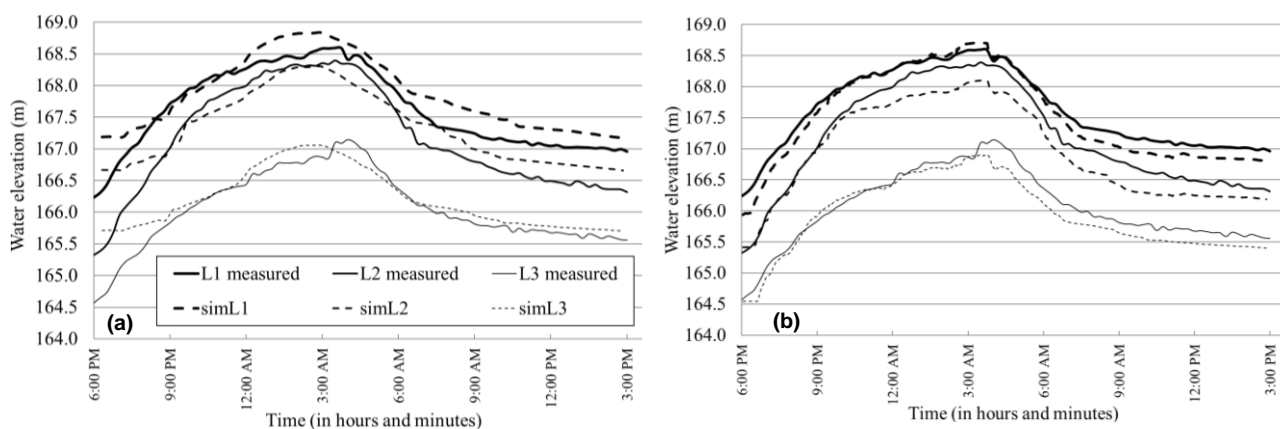1

2 Marseille flood event - Difference in computed peak water depths between uniform rainfall simulation

3 and reference rainfall (Rainfall B) simulation near the Vieux Port area basin outlet).

4
5 Oullins flood event - Discharge hydrograph on Yzeron River during the November 2008 flood event

6 (measured at Taffignon station).

7
8   Oullins flood event - Reference run *obk* - Flood water depth field over time until peak flow (adapted

9   from Bazin 2013).

10   Oullins flood event - Comparison of measured and simulated water levels for (a) *obk* and (b) *obkWS*

11   runs (adapted from (Bazin 2013)).